

APPENDIX A

ESSENTIAL FUNCTIONS OF THE BUREAU OF LABORATORY SCIENCES / STATE LABORATORY INSTITUTE (SLI)

Analytical Chemistry Laboratory Division:

- Detection and identification of chemical threat agents
- Childhood lead testing
- Court ordered drug evidence testing
- Human exposures to chemical contaminants (threats)
- Food and environmental testing related to chemical contamination/intoxication

Microbiology Laboratory Division

- Food surveillance testing
- Human outbreak specimen testing
- Microbial isolate confirmation, speciation and subtyping
- Primary identification of / testing for significant pathogens (e.g. pertussis, botulism, legionella, meningitis, enteric, paralytic shellfish toxin)
- Detection and identification of bacterial threat agents and biologic toxins
- Culture, detection, identification and drug susceptibility testing for M. tuberculosis

Molecular Diagnostic and Virology Laboratory Division:

- Primary identification of clinical outbreak viruses
- Identification of viral and bacterial biologic threat agents and biologic toxins
- Rabies antigen detection (for cases related to human or animal exposure)
- Viral culturing for suspect outbreaks (e.g. respiratory)
- Viral culturing for biologic threat agents
- Arbovirus culturing
- SARS serology
- Arbovirus serology
- Viral pathogen outbreak serology

Laboratory Quality Assurance, Laboratory Operations and Information Systems Division:

- Support information system applications for laboratory essential functions
- Critical Laboratory Applications (BTIS, SLIS IML, SLIS ELR and the following FoxPro applications for Viral Isolation, Viral Serology, Drug Lab and Childhood Blood Lead)
- Support quality assurance requirements for laboratory essential functions
- Manufacturing of microbiology media and laboratory reagents used for essential functions
- Production of kits used for specimens submitted for essential functions